

# TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

## Sample Information

Full Site Name: Portage Hwy 12

Site Abbreviation PTG-A-6 Deployment No. 6

Field Deployment Technician Name Sean H Keller Setup Date/Time 5/5/21 13:30

**Sample Run Date** 5/6/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☒ Green power light should start to blink;
- ☒ Timer countdown should start indicating when sampling run will commence;
- ☒ Status on main screen should change to "Waiting".

Field Recovery Technician Name Sean H Keller Recovery Date/Time 5/7/21 8:20

Q <sub>std</sub> Avg Flow (liters/min)	<u>225</u>	Actual Start Date/Time	<u>5/6/21 0:00</u>
CV	<u>0.26</u>	Actual Stop Date/Time	<u>5/7/21 0:00</u>
Q <sub>std</sub> Volume (m <sup>3</sup> )	<u>323.31</u>	T <sub>amb</sub> Avg (°C)	<u>8.9</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P <sub>amb</sub> Avg (mmHg)	<u>745</u>
Flags? <i>Expected flags: Completed, Q<sub>std</sub></i>			

Sample Status: VALID VOID (circle one) VOID Reason: \_\_\_\_\_

### Site Observations

Run Day Temperatures: High 50 Low 36 Source: Weather Channel

Run Day Precipitation: 20.25 in rain

Run Day Wind/Wind Direction: SSWPH

Run Day Sky Cover: Mostly cloudy

Unusual Events? (fires, major storms, construction, etc.): \_\_\_\_\_

## Field Deployment and Recovery

Check all that apply.

### Weekly Checks:

- ☒ Power cords/plugs ok?
- ☒ Gaskets ok?
- ☒ Shelter ok?
- ☒ Tubing ok?
- ☒ Timer ok?
- ☒ Debris removed?

### Monthly Checks: (after 5<sup>th</sup> sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within  $\pm 2^{\circ}\text{C}$  of transfer standard?
- ☐ Pressure sensor within  $\pm 10 \text{ mmHg}$  of transfer standard?
- ☐ One-point flow verification within  $\pm 10\%$  of Q<sub>std</sub> PUFPLUS ( $0.225 \frac{\text{m}^3}{\text{min}}$ )?

### Maintenance Notes:

## Maintenance